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**DECLARATION, POWER OF ATTORNEY, AND PETITION**

To The Commissioner of Patents and Trademarks:

I, Max P. McDaniel, declare:

that I am a citizen of the United States of America residing at 1601 Melmart Drive, Bartlesville, Oklahoma 74006 and having a post office address of 1601 Melmart Drive, Bartlesville, Oklahoma 74006;

that I have reviewed and understand the contents of the attached specification and claims and I verily believe I, Shirley J. Martin, Kathy S. Collins and Marvin M. Johnson are the original, first, and joint inventors or discoverers of the invention or discovery in described and claimed therein and for which a patent is sought;

I acknowledge my duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37 Code of Federal Regulations § 1.56;

and I hereby appoint Edward L. Bowman, Registration No. 27,116; Carl D. Corvin, Registration No. 34,569; Ryan N. Cross, Registration No. 33,861; Beverly M. Dollar, Registration No. 32,870; John M. Fish, Jr., Registration No. 25,863; Gary L. Haag, Registration No. 35,529; Bion E. Hitchcock, Registration No. 26,613; Lynda S. Jolly, Registration No. 32,736; Allen W. Richmond, Registration No. 28,662; Lucas K. Shay, Registration No. 34,724; and Charles W. Stewart, Registration No. 34,023; who comprise the firm of **Richmond, Hitchcock, Fish & Dollar, P. O. Box 2443, Bartlesville, Oklahoma, 74005**, Registration No. 20,286; and Archie W. Umphlett, Registration No. 25,935, each attorney a member of the Bar of the State of Oklahoma or the District of Columbia; my representatives with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issuing thereon.

Wherefore I pray that Letters Patent be granted to Phillips Petroleum Company, a corporation organized and existing under the laws of the State of Delaware and domiciled and having an office at Bartlesville, Oklahoma, as assignee, for the invention or discovery described and claimed in the foregoing specification and claims, and I hereby subscribe my name to the foregoing specification and claims, declaration, power of attorney and this petition.

Correspondence Address:  
c/o **RICHMOND, HITCHCOCK,  
FISH & DOLLAR  
P.O. Box 2443  
Bartlesville, Oklahoma 74005**

Inventor Max P. McDaniel  
Max P. McDaniel

Date May 11, 1998

**DECLARATION, POWER OF ATTORNEY, AND PETITION**

To The Commissioner of Patents and Trademarks:

I, Shirley J. Martin, declare:

that I am a citizen of the United States of America residing at 636 SE Kenwood Drive, Bartlesville, Oklahoma 74006 and having a post office address of 636 SE Kenwood Drive, Bartlesville, Oklahoma 74006;

that I have reviewed and understand the contents of the attached specification and claims and I verily believe I, Max P. McDaniel, Kathy S. Collins and Marvin M. Johnson are the original, first, and joint inventors or discoverers of the invention or discovery in described and claimed therein and for which a patent is sought;

I acknowledge my duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37 Code of Federal Regulations § 1.56;

and I hereby appoint Edward L. Bowman, Registration No. 27,116; Carl D. Corvin, Registration No. 34,569; Ryan N. Cross, Registration No. 33,861; Beverly M. Dollar, Registration No. 32,870; John M. Fish, Jr., Registration No. 25,863; Gary L. Haag, Registration No. 35,529; Bion E. Hitchcock, Registration No. 26,613; Lynda S. Jolly, Registration No. 32,736; Allen W. Richmond, Registration No. 28,662; Lucas K. Shay, Registration No. 34,724; and Charles W. Stewart, Registration No. 34,023; who comprise the firm of **Richmond, Hitchcock, Fish & Dollar, P. O. Box 2443, Bartlesville, Oklahoma, 74005**, Registration No. 20,286; and Archie W. Umphlett, Registration No. 25,935, each attorney a member of the Bar of the State of Oklahoma or the District of Columbia; my representatives with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

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Correspondence Address:

c/o **RICHMOND, HITCHCOCK,  
FISH & DOLLAR  
P.O. Box 2443  
Bartlesville, Oklahoma 74005**

Inventor

Shirley J. Martin  
Shirley J. Martin

Date

May 11, 1998

**DECLARATION, POWER OF ATTORNEY, AND PETITION**

To The Commissioner of Patents and Trademarks:

I, Kathy S. Collins, declare:

that I am a citizen of the United States of America residing at 3915 Silver Lake Drive, Bartlesville, Oklahoma 74006 and having a post office address of 3915 Silver Lake Drive, Bartlesville, Oklahoma 74006;

that I have reviewed and understand the contents of the attached specification and claims and I verily believe I, Max P. McDaniel, Shirley J. Martin and Marvin M. Johnson are the original, first, and joint inventors or discoverers of the invention or discovery in described and claimed therein and for which a patent is sought;

I acknowledge my duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37 Code of Federal Regulations § 1.56;

and I hereby appoint Edward L. Bowman, Registration No. 27,116; Carl D. Corvin, Registration No. 34,569; Ryan N. Cross, Registration No. 33,861; Beverly M. Dollar, Registration No. 32,870; John M. Fish, Jr., Registration No. 25,863; Gary L. Haag, Registration No. 35,529; Bion E. Hitchcock, Registration No. 26,613; Lynda S. Jolly, Registration No. 32,736; Allen W. Richmond, Registration No. 28,662; Lucas K. Shay, Registration No. 34,724; and Charles W. Stewart, Registration No. 34,023; who comprise the firm of **Richmond, Hitchcock, Fish & Dollar, P. O. Box 2443, Bartlesville, Oklahoma, 74005**, Registration No. 20,286; and Archie W. Umphlett, Registration No. 25,935, each attorney a member of the Bar of the State of Oklahoma or the District of Columbia; my representatives with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issuing thereon.

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Correspondence Address:

c/o **RICHMOND, HITCHCOCK,  
FISH & DOLLAR  
P.O. Box 2443  
Bartlesville, Oklahoma 74005**

Inventor

Kathy S. Collins  
Kathy S. Collins

Date

May 11, 1998

**DECLARATION, POWER OF ATTORNEY, AND PETITION**

To The Commissioner of Patents and Trademarks:

I, Marvin M. Johnson, declare:

that I am a citizen of the United States of America residing at 4413 SE Woodland Road, Bartlesville, Oklahoma 74006 and having a post office address of 4413 SE Woodland Road, Bartlesville, Oklahoma 74006;

that I have reviewed and understand the contents of the attached specification and claims and I verily believe I, Max P. McDaniel, Shirley J. Martin and Kathy S. Collins are the original, first, and joint inventors or discoverers of the invention or discovery in described and claimed therein and for which a patent is sought;

I acknowledge my duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37 Code of Federal Regulations § 1.56;

and I hereby appoint Edward L. Bowman, Registration No. 27,116; Carl D. Corvin, Registration No. 34,569; Ryan N. Cross, Registration No. 33,861; Beverly M. Dollar, Registration No. 32,870; John M. Fish, Jr., Registration No. 25,863; Gary L. Haag, Registration No. 35,529; Bion E. Hitchcock, Registration No. 26,613; Lynda S. Jolly, Registration No. 32,736; Allen W. Richmond, Registration No. 28,662; Lucas K. Shay, Registration No. 34,724; and Charles W. Stewart, Registration No. 34,023; who comprise the firm of **Richmond, Hitchcock, Fish & Dollar, P. O. Box 2443, Bartlesville, Oklahoma, 74005**, Registration No. 20,286; and Archie W. Umphlett, Registration No. 25,935, each attorney a member of the Bar of the State of Oklahoma or the District of Columbia; my representatives with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issuing thereon.

Wherefore I pray that Letters Patent be granted to Phillips Petroleum Company, a corporation organized and existing under the laws of the State of Delaware and domiciled and having an office at Bartlesville, Oklahoma, as assignee, for the invention or discovery described and claimed in the foregoing specification and claims, and I hereby subscribe my name to the foregoing specification and claims, declaration, power of attorney and this petition.

Correspondence Address:  
c/o **RICHMOND, HITCHCOCK,  
FISH & DOLLAR  
P.O. Box 2443  
Bartlesville, Oklahoma 74005**

Inventor Marvin M. Johnson  
Marvin M. Johnson

Date May 12, 1998



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

AUGUST 10, 1998

PTAS

RICHMOND, HITCHCOCK, ETAL.  
CARL D. CORVIN  
P.O. BOX 2443  
BARTLESVILLE, OKLAHOMA 74005



\*100731774A\*

PATENT  
DIVISION

AUG 18 1998

CDC

MLB AUG 18 1998

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION  
OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS  
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER  
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE  
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA  
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD  
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY  
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.  
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,  
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SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/18/1998

REEL/FRAME: 9212/0556  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MCDANIEL, MAX P.

DOC DATE: 05/11/1998

ASSIGNOR:

MARTIN, SHIRLEY J.

DOC DATE: 05/11/1998

ASSIGNOR:

COLLINS, KATHY S.

DOC DATE: 05/11/1998

ASSIGNOR:

JOHNSON, MARVIN M.

DOC DATE: 05/12/1998

ASSIGNEE:

PHILLIPS PETROLEUM COMPANY  
BARTLESVILLE, OKLAHOMA 74004

SERIAL NUMBER: 09081480  
PATENT NUMBER:

FILING DATE: 05/18/1998  
ISSUE DATE:

9212/0556 PAGE 2

DOROTHY RILEY, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

06-09-1998

33634US



IN THE UNITED

RK OFFICE

**MRO 5-18-98**

**100731774**

In re Application of: Max P. McDaniel, Shirley J. Martin, Kathy S. Collins and Marvin M. Johnson

For: COMPOSITIONS THAT PRODUCE POLYMERS

PATENT RECORDATION FORM COVER LETTER

1511 U.S. PTO  
09/08/1480  
05/18/98

Honorable Commissioner of Patents and Trademarks  
Washington, D. C. 20231

Sir:

Please record the attached, original, executed assignment for the above-identified patent application.

1. The name(s) of the conveying party(ies) and the date(s) the patent application was executed:  
Max P. McDaniel--May 11, 1998, Shirley J. Martin--May 11, 1998  
Kathy S. Collins--May 11, 1998, Marvin M. Johnson--May 12, 1998
2. The name and address of the receiving party is:  
Name: Phillips Petroleum Company, a corporation of Delaware, having a place of  
business at Bartlesville, in the county of Washington, in the state of Oklahoma.  
Address: Bartlesville, Oklahoma 74004
3. Nature of conveyance: Assignment executed on same date(s) as the patent application
4. This document is filed together with the above-identified new application executed on the date(s) shown in item 1 above.
5. Correspondence concerning this document should be addressed to:  
RICHMOND, HITCHCOCK, FISH & DOLLAR  
P. O. Box 2443  
Bartlesville, Oklahoma 74005
6. This document involves one (1) patent application.
7. Please charge the total fee (37 CFR 3.41) of \$40.00 to Deposit Account 16-1575.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Respectfully submitted,  
RICHMOND, HITCHCOCK,  
FISH & DOLLAR

06/05/1998 DWGUYEN 00000108 161575 09081480

01 FC:581 40.00 CH

By Carl D. Corvin  
Carl D. Corvin  
Registration No. 34,569

PATENT OFFICE USE ONLY

ASSIGNMENT

WHEREAS, we, Max P. McDaniel, Shirley J. Martin, Kathy S. Collins and Marvin M. Johnson of Bartlesville, Oklahoma have made a certain invention entitled:

which is described and claimed in that application for Letters Patent of the United States having attorneys docket designation 33634US,

and WHEREAS, Phillips Petroleum Company, a corporation of Delaware, is desirous of acquiring an interest in said invention,

NOW, THEREFORE, in consideration of one dollar, receipt of which is hereby acknowledged, and other good and valuable consideration, we, Max P. McDaniel, Shirley J. Martin, Kathy S. Collins and Marvin M. Johnson by these presents do sell, assign, and transfer unto Phillips Petroleum Company the full and exclusive right, for the territory of the United States of America and for all foreign countries, in and to the said invention, as described in said application executed on even dates herewith, preparatory to obtaining Letters Patent of the United States therefor; said invention, application and Letters Patent to be held and enjoyed by the said Phillips Petroleum Company, for its own use and behalf, and for its legal representatives, to the full end of the term for which said patent or patents may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made.

AND we do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing, reissue or foreign application or applications based on the present application.

AND we do further agree to communicate to Phillips Petroleum Company, its successors, assigns or other legal representatives, such facts relating to said invention as may be known to us, and to testify as to such facts in any prosecution, interference or litigation.

Executed by the undersigned on the dates indicated.

In the presence of

<u>Nancy W. Clebert</u> Witness	<u>Max P. McDaniel</u> Max P. McDaniel	<u>May 11 1998</u> Date
<u>Nancy W. Clebert</u> Witness	<u>Shirley J. Martin</u> Shirley J. Martin	<u>May 11, 1998</u> Date
<u>Nancy W. Clebert</u> Witness	<u>Kathy S. Collins</u> Kathy S. Collins	<u>May 11, 1998</u> Date
<u>Ann M. Packard</u> Witness	<u>Marvin M. Johnson</u> Marvin M. Johnson	<u>May 12, 1998</u> Date

Post Office Address:

**RICHMOND, HITCHCOCK, FISH & DOLLAR**  
P.O. B x 2443  
Bartlesville, Oklahoma 74005

ASSIGNMENT

WHEREAS, we, Max P. McDaniel, Shirley J. Martin, Kathy S. Collins and Marvin M. Johnson of Bartlesville, Oklahoma have made a certain invention entitled:

which is described and claimed in that application for Letters Patent of the United States having attorneys docket designation 33634US,

and WHEREAS, Phillips Petroleum Company, a corporation of Delaware, is desirous of acquiring an interest in said invention,

NOW, THEREFORE, in consideration of one dollar, receipt of which is hereby acknowledged, and other good and valuable consideration, we, Max P. McDaniel, Shirley J. Martin, Kathy S. Collins and Marvin M. Johnson by these presents do sell, assign, and transfer unto Phillips Petroleum Company the full and exclusive right, for the territory of the United States of America and for all foreign countries, in and to the said invention, as described in said application executed on even dates herewith, preparatory to obtaining Letters Patent of the United States therefor; said invention, application and Letters Patent to be held and enjoyed by the said Phillips Petroleum Company, for its own use and behalf, and for its legal representatives, to the full end of the term for which said patent or patents may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made.

AND we do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing, reissue or foreign application or applications based on the present application.

AND we do further agree to communicate to Phillips Petroleum Company, its successors, assigns or other legal representatives, such facts relating to said invention as may be known to us, and to testify as to such facts in any prosecution, interference or litigation.

Executed by the undersigned on the dates indicated.

In the presence of

<u>Nancy W. Ciletti</u> Witness	<u>Max P. McDaniel</u> Max P. McDaniel	<u>May 11, 1998</u> Date
<u>Nancy W. Ciletti</u> Witness	<u>Shirley J. Martin</u> Shirley J. Martin	<u>May 11, 1998</u> Date
<u>Nancy W. Ciletti</u> Witness	<u>Kathy S. Collins</u> Kathy S. Collins	<u>May 11, 1998</u> Date
<u>Ann M. Packard</u> Witness	<u>Marvin M. Johnson</u> Marvin M. Johnson	<u>May 12, 1998</u> Date

Post Office Address:

**RICHMOND, HITCHCOCK, FISH & DOLLAR**  
**P.O. Box 2443**  
**Bartlesville, Oklahoma 74005**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Max P. McDaniel, Shirley J. Martin, Kathy S. Collins and Marvin M. Johnson

For: COMPOSITIONS THAT PRODUCE POLYMERS

**PATENT RECORDATION FORM COVER LETTER**

Honorable Commissioner of Patents and Trademarks  
Washington, D. C. 20231

Sir:

Please record the attached, original, executed assignment for the above-identified patent application.

1. The name(s) of the conveying party(ies) and the date(s) the patent application was executed:  
Max P. McDaniel--May 11, 1998, Shirley J. Martin--May 11, 1998  
Kathy S. Collins--May 11, 1998, Marvin M. Johnson--May 12, 1998
2. The name and address of the receiving party is:  
Name: Phillips Petroleum Company, a corporation of Delaware, having a place of  
business at Bartlesville, in the county of Washington, in the state of Oklahoma.  
Address: Bartlesville, Oklahoma 74004
3. Nature of conveyance: Assignment executed on same date(s) as the patent application
4. This document is filed together with the above-identified new application executed on the date(s) shown in item 1 above.
5. Correspondence concerning this document should be addressed to:  
RICHMOND, HITCHCOCK, FISH & DOLLAR  
P. O. Box 2443  
Bartlesville, Oklahoma 74005
6. This document involves one (1) patent application.
7. Please charge the total fee (37 CFR 3.41) of \$40.00 to Deposit Account 16-1575.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Respectfully submitted,  
RICHMOND, HITCHCOCK,  
FISH & DOLLAR

By Carl D. Corvin  
Carl D. Corvin  
Registration No. 34,569

---

PATENT OFFICE USE ONLY

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
 )  
**Max P. McDaniel, et al.** )  
 ) Art Unit: 1713  
 Serial No. 10/357,212 )  
 ) Examiner: **Lu, C. Caixia**  
 Filed: February 4, 2003 )  
 )  
 For: **A Polymerization Process Utilizing an** )  
**Organometal Compound,** )  
**Organoaluminum Compound and a** )  
**Solid Mixed Oxide Compound** )

## POWER OF ATTORNEY

Assistant Commissioner for Patents  
 Washington, DC 20231

Sir:

The undersigned assignee hereby **REVOKES** any and all powers of attorney previously given in the above-identified application; and

The undersigned assignee hereby **APPOINTS** practitioners at **Customer**  
 Number ~~23370~~  
 35395

**\*35395\***

**35395**

PATENT TRADEMARK OFFICE

Direct telephone calls at 404-815-6500, to Jeffery B. Arnold.

Assignee: **Phillips Petroleum Company**

Date: APR 30 2003

By:

Signature

Name (please print)

Title (please print)

**Lynda S. Jolly**  
**Attorney-in-Fact**